(C) AMENDMENTS TO THE CLAIMS

printing apparatus.

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- (CURRENTLY AMENDED) A printing system comprising: 1. 2 rewritable media having a bistable, electrochromic, molecular colorant layer susceptible 3 to localized electrical fields; and 4 associated with said media, an electrode subsystem producing said localized electrical 5 fields. 6 (ORIGINAL) The system as set forth in claim 1 further comprising: 2. 7 a transport for moving a sheet of said media passed said electrode subsystem. 8 . (ORIGINAL) The system as set forth in claim 2, the transport further comprising: 3. at least one media position sensor. 10 (ORIGINAL) The system as set forth in claim 1 further comprising: 4. 11 means for downloading, storing, sequencing, and printing text and images. 12 (ORIGINAL) The system as set forth in claim 1 configured as a portable hard copy 5. 13
- 6. (ORIGINAL) The system as set forth in claim 1 in a portable computer appliance.
- 16 · 7. (ORIGINAL) The system as set forth in claim 1 in a telecommunications device.

	8.	(ORIGINAL) The system as set forth in claim 1 wherein said electrode subsystem		
substantially stationary and configured to print on a sheet of said media as said media is				
	translated passed said electrode subsystem.			
	9.	(CURRENTLY AMENDED) The system as set forth in claim 1 wherein said [[
	electro	echromic]]colorant layer further comprises:		
		at least one layer of a molecular colorant coating wherein molecules of the coating are at		
least bichromal and subjectable to bistable switching between color states under influence				
	said localized electric field.			
	10.	(ORIGINAL) The system as set forth in claim 9 comprising:		
		said molecules exhibit an electric field induced band gap change, occurring via a		
	mechanism selected from a group including (1) molecular conformation change or an isomerization, (2) change of extended conjugation via chemical bonding change, and (3)			
	molecular folding or stretching.			
	11.	(ORIGINAL) The system as set forth in claim 2, said transport further comprising:		
		electrical generators connected to said electrode subsystem for producing said localized		
	electri	cal fields.		
	12.	(ORIGINAL) The system as set forth in claim 9, the molecular colorant coating further		
comprising:				
		a mosaic pixel pattern of primary color pixels such that full color printing is produced by		
said electrode subsystem on said media.				

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1.126	(ORIGINAL) The system as set forth in claim 1, said electrode subsystem further
2	comprising:
3	means to field address temporally and spatially.
4	(CURRENTLY AMENDED) A hard copy printing method comprising:
5	selectively providing localized electric fields, each of said fields conforming to a
6	predetermined picture element size;
7 .	transporting a printing medium across said fields such that a bistable electrochromic
8	molecular colorant layer of said medium is subjected to said electric fields; and
9 `	manipulating said electric fields to produce printed data onto said electrochromic
10	colorant layer.
C 3	(ORIGINAL) The method as set forth in claim 16 wherein a first polarity of said localized
C 3 11 12	(ORIGINAL) The method as set forth in claim 16 wherein a first polarity of said localized electric fields prints a picture element.
	electric fields prints a picture element.
12	electric fields prints a picture element.
12 13 14	electric fields prints a picture element. (ORIGINAL) The method as set forth in claim 16 wherein a reverse polarity of said first
13 14	electric fields prints a picture element. (ORIGINAL) The method as set forth in claim 16 wherein a reverse polarity of said first polarity of said localized electric fields erases a picture element.

l	(CURRENTLY AMENDED) The method as set forth in claim 15 wherein said
2	[[electrochromic]] colorant layer is at least one layer of a molecular colorant coating wherein
3	molecules of the coating are at least bichromal and subjectable to bistable switching between
4	color states under influence of said localized electric field.
-	7 (ORIGINAL) The method as set forth in claim 2/1 wherein said molecules exhibit an

(ORIGINAL) The method as set forth in claim 2/1 wherein said molecules exhibit an electric field induced band gap change, occurring via a mechanism selected from a group including (1) molecular conformation change or an isomerization, (2) change of extended conjugation via chemical bonding change, and (3) molecular folding or stretching.

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(CURRENTLY AMENDED) A method of doing business, the method comprising:

providing a printing apparatus including an electrode subsystem for providing selectively localized electric fields corresponding to <u>molecular colorant</u> picture elements printable from digital data:

providing a rewritable media instrument susceptible to said fields wherein said media instrument is associated with a service and use fees associated therewith; and

printing and reprinting legible information on said media instrument associated with said use fee and a current balance with said stationary printing apparatus whenever said media instrument is used in association with said printing apparatus.

18 (ORIGINAL) The method as set forth in claim 23 wherein a first polarity of said localized electric fields prints a picture element.

(ORIGINAL) The method as set forth in claim 24 wherein a reverse polarity of said first polarity of said localized electric fields erases a picture element.

3 75 26. (ORIGINAL) The method as set forth in claim 23 wherein said business is conducted using a portable hard copy apparatus.

(ORIGINAL) The method as set forth in claim 28 wherein said business is conducted using a portable computer appliance.

(ORIGINAL) The method as set forth in claim 28 wherein said business is conducted using in a telecommunications device.

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(CURRENTLY AMENDED) The method as set forth in claim 28 wherein said <u>picture</u>

elements further comprise an electrochromic colorant layer [[is]] of at least one layer of a

molecular colorant coating wherein molecules of the coating are at least bichromal and
subjectable to bistable switching between color states under influence of said localized electric
field.

(ORIGINAL) The method as set forth in claim 29 wherein said molecules exhibit an electric field induced band gap change, occurring via a mechanism selected from a group including (1) molecular conformation change or an isomerization, (2) change of extended conjugation via chemical bonding change, and (3) molecular folding or stretching.

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1	,31.	(PREVIOUSLY PRESENTED) A method of doing business of printing hard copy, the		
2	method comprising:			
3		receiving digital data representative of a document; and		
4		producing an image of said document on a rewritable media having at least one layer of		
5	a molecular colorant wherein molecules thereof are at least bichromal and subjectable to			
6	bistab	e switching between color states under influence of localized electric fields.		
	21	30		
7	32.	(PREVIOUSLY PRESENTED) The method as set forth in claim 3/1 wherein said		
8	molec	ules exhibit an electric field induced band gap change, occurring via a mechanism		
9	selected from a group including (1) molecular conformation change or an isomerization, (2)			
10 .	change of extended conjugation via chemical bonding change, and (3) molecular folding or			
11	stretching.			
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12	33 .	(PREVIOUSLY PRESENTED) A method of manufacturing a hard copy system having a		
13	print z	one, the method comprising:		
14		mounting adjacently to said print zone a subsystem having a plurality of electrodes; and		
15		adjusting said electrodes for providing selectively localized electric fields corresponding		
16	to pict	ure elements printable from digital data such that adjacently positioned rewritable media		
17	having a molecular colorant has molecules of said colorant selectively switched between at			
18	least two color states by said fields.			
	. 1	3 2 —		
19	34.	(PREVIOUSLY PRESENTED) The method as set forth in claim 33 further wherein said		

plurality of electrodes is a linear array for sequentially printing lines of picture elements across

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said media.

(PREVIOUSLY PRESENTED) The method as set forth in claim 33 wherein said

plurality of electrodes is a matrix array for simultaneously printing a matrix of picture elements

on said media.